

WHAT IS CLAIMED IS:

1. A thermal isolation device for a gas turbine combustor assembly comprising a plurality of substantially flat plates secured in spaced relationship by a plurality of columns, at least one column incorporating a bolt hole for use in securing the device between a pair of combustor components.

2. The thermal isolation device of claim 1 wherein said plurality of substantially flat plates comprises three plates.

3. The thermal isolation device of claim 1 wherein said plurality of columns comprises three columns.

4. The thermal isolation device of claim 1 having a height dimension of about 1.5 inches.

5. The thermal isolation device of claim 1 wherein each of said plurality of plates has a thickness of about 0.100 inches.

6. The thermal isolation device of claim 1 wherein said plates and columns are constructed of stainless steel.

7. The thermal isolation device of claim 1 wherein said plurality of plates are each substantially triangular in shape.

8. The thermal isolation device of claim 1 wherein said plurality of plates are held in substantially

parallel relationship and spaced substantially equally from each other along longitudinal axes of said columns.

9. The thermal isolation device of claim 1 wherein said columns are arranged in such a manner that the thermal isolation device can be inserted between the pair of combustor components using existing bolt hole patterns in the combustor components.

10. A thermal isolation device for a gas turbine combustor assembly comprising at least three substantially flat and substantially triangular-shaped plates secured in spaced, substantially parallel relationship to at least three columns.

11. The thermal isolation device of claim 10 having a height dimension of about 1.5 inches.

12. The thermal isolation device of claim 10 wherein each of said plurality of plates has a thickness of about 0.100 inches.

13. The thermal isolation device of claim 10 wherein said plates and columns are constructed of stainless steel.

14. The thermal isolation device of claim 10 wherein said columns each incorporate bolt holes and said columns are arranged in such a manner that the thermal isolation device can be inserted between the pair of combustor components using existing bolt hole patterns in the combustor components.